o Fire-resistant **polycarbonate** compositions

L49 ANSWER 108 OF 139 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1997:96649 CAPLUS
DOCUMENT NUMBER: 126:104936
INVENTOR(S): Chiba, Takashi; Watanabe, Atsushi; Nakajima, Masaki
PATENT ASSIGNEE(S): Denki Kagaku Kogyo Kk, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DOCUMENT TYPE: **Patent**
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08302175	A2	19961119	JP 1995-107390	19950501

AB The compns. comprise 100 parts **blends** contg. (A) 1-99% **polycarbonates**, (B) 1-50% graft copolymers with content of Na and K .ltoreq.200 ppm, Mg content .ltoreq.150 ppm, and Ca content .ltoreq.1000 ppm, and (C) 0-98% other thermoplastic polymers, (D) 1-50 parts P compds., and (E) 0.01-30 parts silicones, fluoropolymers, and/or phenolic resins. Thus, Panlite L 1250 (a **polycarbonate**) 70, **acrylonitrile -butadiene-styrene** graft copolymer 15, **acrylonitrile-styrene** copolymer 15, Ph3P 14, and Teflon 6J 0.2 part were **blended**, and injection molded to give test pieces showing heat distortion temp. 85.degree., Izod impact strength 105 kg-cm/cm, and UL-94 flammability rating V-0.

ST **polycarbonate ABS** graft copolymer **blend**; fire resistance **polycarbonate ABS blend**; impact resistance **polycarbonate** graft copolymer **blend**; phosphorus compd fireproofing agent **polycarbonate**

IT Fireproofing agents
(fire-resistant **polycarbonate blends** with improved heat and impact resistance)

IT Fluoropolymers, uses
Fluoropolymers, uses
Novolaks
Polysiloxanes, uses
RL: **MOA (Modifier or additive use)**; USES (Uses)
(fire-resistant **polycarbonate blends** with improved heat and impact resistance)

IT **Polycarbonates**, properties
Polyesters, properties
RL: **POF (Polymer in formulation)**; PRP (Properties); TEM (Technical or engineered material use); USES (Uses)
(fire-resistant **polycarbonate blends** with improved heat and impact resistance)

IT Polymer **blends**
RL: PRP (Properties); TEM (Technical or engineered material use); USES (Uses)
(fire-resistant **polycarbonate blends** with improved heat and impact resistance)

IT Maleated ethylene-propylene rubber
RL: **POF (Polymer in formulation)**; PRP (Properties); TEM (Technical or engineered material use); USES (Uses)
(graft polymers; fire-resistant **polycarbonate blends** with improved heat and impact resistance)

IT 108-31-6DP, 2,5-Furandione, reaction products with ethylene-propylene copolymer, graft polymers 9010-79-1DP, Ethylene-propylene copolymer, maleated, graft polymers **29762-66-1DP**, Acrylonitrile-glycidyl methacrylate-styrene copolymer, graft polymers **106677-58-1P**, **Acrylonitrile-butadiene-styrene** graft copolymer